

10/009, 966

CAS  
B12/13

12/3/04

=> file ca  
=> s ((tobacco or nicotiana) (10a) promoter? (10a) invertase?)/ab,bi

L1 2 ((TOBACCO OR NICOTIANA) (10A) PROMOTER? (10A) INVERTASE?)/AB,BI

=> file biosis

=> s l1

L2 0 ((TOBACCO OR NICOTIANA) (10A) PROMOTER? (10A) INVERTASE?)/AB,BI

=> file ca

=> s ((tobacco or nicotiana) (10a) invertase?)/ab,bi

L3 84 ((TOBACCO OR NICOTIANA) (10A) INVERTASE?)/AB,BI

=> s promoter?/ab,bi

L4 171010 PROMOTER?/AB,BI

=> s l3(l)l4

L5 4 L3(L) L4

=> file biosis

=> s l5

L6 2 L3(L) L4

=> dup rem

L7 5 DUP REM L5 L6 (1 DUPLICATE REMOVED)

=> d 17 1-5 ti py

L7 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
TI A biotechnological approach for reduction of cold-induced sweetening in  
potato tubers.  
PY 2003

L7 ANSWER 2 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI A tapetum and pollen-specific promoter of tobacco for use in the control  
of pollen formation in plant breeding  
PY 2000

L7 ANSWER 3 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI Pathogen-inducible promoter and its use in creation of pathogen-resistant  
plants  
PY 2000

L7 ANSWER 4 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
TI Ectopic expression of a tobacco invertase inhibitor homolog prevents  
cold-induced sweetening of potato tubers  
PY 1999

L7 ANSWER 5 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI Endogenous inhibitor of invertases of tobacco and tomato and their use in  
the control of carbohydrate loss from vegetables in storage  
PY 1998

=> d 17 2-5

L7 ANSWER 2 OF 5 CA COPYRIGHT 2004 ACS on STN  
 AN 134:52300 CA  
 TI A tapetum and pollen-specific promoter of tobacco for use in the control  
     of pollen formation in plant breeding  
 IN Roitsch, Thomas  
 PA Germany  
 SO PCT Int. Appl., 74 pp.  
 DT Patent  
 LA German  
 FAN.CNT 1

*Instant parent*

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000077187	A2	20001221	WO 2000-DE1944	20000613
	WO 2000077187	A3	20010809	CA 2376437	AA 20001221 CA 2000-2376437 2000
	EP 1183379	A2	20020306	EP 2000-949099	20000613
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	DE 1999-29909998	U	19990612		
	DE 2000-20005992	U	20000404		
	DE 2000-20007494	U	20000426		
	WO 2000-DE1944	W	20000613		

L7 ANSWER 3 OF 5 CA COPYRIGHT 2004 ACS on STN  
 AN 134:1359 CA  
 TI Pathogen-inducible promoter and its use in creation of pathogen-resistant  
     plants  
 IN Stahl, Dietmar Juergen  
 PA KWS Saat AG, Germany  
 SO Ger. Offen., 38 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19923571	A1	20001123	DE 1999-19923571	19990521
	WO 2000071732	A2	20001130	WO 2000-DE1589	20000519
	WO 2000071732	A3	20010816	EP 1183378 A2 20020306 EP 2000-943614 2000	
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	DE 1999-19923571	A	19990521		
	WO 2000-DE1589	W	20000519		

L7 ANSWER 4 OF 5 CA COPYRIGHT 2004 ACS on STN                   DUPLICATE 1  
 AN 131:195070 CA  
 TI Ectopic expression of a tobacco invertase inhibitor homolog prevents  
     cold-induced sweetening of potato tubers  
 AU Greiner, Steffen; Rausch, Thomas; Sonnewald, Uwe; Herbers, Karin  
 CS INF 360, Botanisches Inst., Heidelberg, D-69120, Germany  
 SO Nature Biotechnology (1999), 17(7), 708-711  
 CODEN: NABIF9; ISSN: 1087-0156  
 PB Nature America  
 DT Journal  
 LA English

L7 ANSWER 5 OF 5 CA COPYRIGHT 2004 ACS on STN  
 AN 128:177571 CA  
 TI Endogenous inhibitor of invertases of tobacco and tomato and their use in  
     the control of carbohydrate loss from vegetables in storage

IN Rausch, Thomas; Krausgrill, Silke; Greiner, Steffen  
PA Universitat Heidelberg, Germany; Rausch, Thomas; Krausgrill, Silke;  
Greiner, Steffen  
SO PCT Int. Appl., 42 pp.  
CODEN: PIXXD2

DT Patent  
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9804722	A1	19980205	WO 1997-EP4153	19970730
	CA 2261999	AA	19980205	CA 1997-2261999	
	CA 2261999	C	20041026		
	EP 956357	A1	19991117	EP 1997-935555	19970730
	JP 2000515755	T2	20001128	JP 1998-508521	1997
	US 6384300	B1	20020507	US 1999-230670	19990405

PRAI DE 1996-19630738 A 19960730  
DE 1996-19641302 A 19961007  
WO 1997-EP4153 W 19970730

=> file ca

=> s l3 and l4

L8 11 L3 AND L4

=> s l8 not l5

L9 7 L8 NOT L5

=> file biosis

=> s l9

L10 1 L8 NOT L5

=> dup rem

L11 7 DUP REM L9 L10 (1 DUPLICATE REMOVED)

=> d l11 1-7 ti py

L11 ANSWER 1 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Extracellular invertase is an essential component of cytokinin-mediated delay of senescence

PY 2004

L11 ANSWER 2 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Local expression of the ipt gene in transgenic tobacco (*Nicotiana tabacum* L. cv. SR1) axillary buds establishes a role for cytokinins in tuberization and sink formation

PY 2002

L11 ANSWER 3 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Induction of male sterility in plants by metabolic engineering of the carbohydrate supply

PY 2001

L11 ANSWER 4 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Expression of tandem invertase genes associated with sexual and vegetative growth cycles in potato

PY 1999

L11 ANSWER 5 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Use of a fungal glucose oxidase or invertase genes to increase plant resistance to pathogens

PY 1995

L11 ANSWER 6 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Impaired photoassimilate partitioning caused by phloem-specific removal of pyrophosphate can be complemented by a phloem-specific cytosolic yeast-derived invertase in transgenic plants  
PY 1995

L11 ANSWER 7 OF 7 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
TI Expression of a yeast-derived \*\*\*invertase\*\*\* in the cell wall of \*\*\*tobacco\*\*\* and Arabidopsis plants leads to accumulation of carbohydrate and inhibition of photosynthesis and strongly influences growth and phenotype of transgenic tobacco plants  
PY 1990

=> d 111 ab 1-7

=> d 111 3 4

L11 ANSWER 3 OF 7 CA COPYRIGHT 2004 ACS on STN  
AN 135:149982 CA  
TI Induction of male sterility in plants by metabolic engineering of the carbohydrate supply  
AU Goetz, Marc; Godt, Dietmute E.; Guivarc'h, Anne; Kahmann, Uwe; Chriqui, Dominique; Roitsch, Thomas  
CS Institut fur Zellbiologie und Pflanzenphysiologie, Universitat Regensburg, Regensburg, 93053, Germany  
SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(11), 6522-6527  
CODEN: PNASA6; ISSN: 0027-8424  
PB National Academy of Sciences  
DT Journal  
LA English

printed

L11 ANSWER 4 OF 7 CA COPYRIGHT 2004 ACS on STN  
AN 132:247043 CA  
TI Expression of tandem invertase genes associated with sexual and vegetative growth cycles in potato  
AU Maddison, Anne L.; Hedley, Peter E.; Meyer, Rhonda C.; Aziz, Naveed; Davidson, Diane; Machray, Gordon C.  
CS Department of Cell and Molecular Genetics, Scottish Crop Research Institute, Dundee, DD2 5DA, UK  
SO Plant Molecular Biology (1999), 41(6), 741-751  
CODEN: PMBIDB; ISSN: 0167-4412  
PB Kluwer Academic Publishers  
DT Journal  
LA English

✓

order

12/13

7/12

=> d 17 ab 1 3-5

=> file ca

=> s (roitsch, t?)/au  
L12 45 (ROITSCH, T?)/AU

=> s invertase?/ab,bi

L13 9362 INVERTASE?/AB,BI

=> s l12 and l13

L14 25 L12 AND L13

=> s l14 not 15  
L15 24 L14 NOT L5

=> file biosis

=> s l15

L16 27 L14 NOT L5

=> dup rem  
L17 27 DUP REM L15 L16 (24 DUPLICATES REMOVED)

=> d l17 1-27 ti py

L17 ANSWER 1 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
TI Extracellular \*\*\*invertase\*\*\* is an essential component of  
cytokinin-mediated delay of senescence  
PY 2004

L17 ANSWER 2 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2  
TI Extracellular \*\*\*invertase\*\*\* : Key metabolic enzyme and PR protein  
PY 2003

L17 ANSWER 3 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3  
TI Novel mode of hormone induction of tandem tomato \*\*\*invertase\*\*\* genes  
in floral tissues  
PY 2003

L17 ANSWER 4 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4  
TI Metabolizable and non-metabolizable sugars activate different signal  
transduction pathways in tomato  
PY 2002

L17 ANSWER 5 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 5  
TI Local expression of the ipt gene in transgenic tobacco (*Nicotiana tabacum*  
L. cv. SR1) axillary buds establishes a role for cytokinins in  
tuberization and sink formation  
PY 2002

L17 ANSWER 6 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 6  
TI Induction of male sterility in plants by metabolic engineering of the  
carbohydrate supply  
PY 2001

L17 ANSWER 7 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 7  
TI Regulation and function of extracellular \*\*\*invertase\*\*\* from higher  
plants in relation to assimilate partitioning, stress responses and sugar  
signalling  
PY 2000

L17 ANSWER 8 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 8  
TI Identification of amino acids essential for enzymatic activity of plant  
\*\*\*invertases\*\*\*  
PY 2000

L17 ANSWER 9 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 9  
TI Tissue-specific induction of the mRNA for an extracellular  
\*\*\*invertase\*\*\* isoenzyme of tomato by brassinosteroids suggests a role  
for steroid hormones in assimilate partitioning  
PY 2000

L17 ANSWER 10 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 10

TI Regulation of source/sink relations by cytokinins  
PY 2000

L17 ANSWER 11 OF 27 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
STN  
TI \*\*\*Invertases\*\*\* and life beyond sucrose cleavage.  
PY 2000

L17 ANSWER 12 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 11  
TI The different pH optima and substrate specificities of extracellular and  
vacuolar \*\*\*invertases\*\*\* from plants are determined by a single  
amino-acid substitution  
PY 1999

L17 ANSWER 13 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 12  
TI Intracellular protons are not involved in elicitor dependent regulation of  
mRNAs for defence related enzymes in Chenopodium rubrum  
PY 1999

L17 ANSWER 14 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 13  
TI Glucose and stress independently regulate source and sink metabolism and  
defense mechanisms via signal transduction pathways involving protein  
phosphorylation  
PY 1997

L17 ANSWER 15 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 14  
TI Coordinated induction of mRNAs for extracellular \*\*\*invertase\*\*\* and a  
glucose transporter in Chenopodium rubrum by cytokinins  
PY 1997

L17 ANSWER 16 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 15  
TI Differential effect of D-glucose on the level of mRNAs for three  
\*\*\*invertase\*\*\* isoenzymes of Chenopodium rubrum  
PY 1997

L17 ANSWER 17 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 16  
TI Regulation and tissue-specific distribution of mRNAs for three  
extracellular \*\*\*invertase\*\*\* isoenzymes of tomato suggests an  
important function in establishing and maintaining sink metabolism  
PY 1997

L17 ANSWER 18 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 17  
TI Ethylene regulation of apoplastic \*\*\*invertase\*\*\* expression in  
autotrophic cells of Chenopodium rubrum  
PY 1996

L17 ANSWER 19 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 18  
TI Cell wall \*\*\*invertase\*\*\* . Bridging the gap  
PY 1996

L17 ANSWER 20 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 19  
TI Induction of apoplastic \*\*\*invertase\*\*\* of Chenopodium rubrum by  
D-glucose and a glucose analog and tissue-specific expression suggest a  
role in sink-source regulation  
PY 1995

L17 ANSWER 21 OF 27 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
STN  
TI Regulation by ethylene of cell wall bound \*\*\*invertase\*\*\* expression  
in autotrophic Chenopodium rubrum cell cultures.  
PY 1995

L17 ANSWER 22 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 20

TI The vacuolar protein-targeting signal of yeast carboxypeptidase is functional in oocytes from *Xenopus laevis*  
PY 1991

L17 ANSWER 23 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 21  
TI Expression of yeast \*\*\*invertase\*\*\* in oocytes from *Xenopus laevis*.  
Secretion of active enzyme differing in glycosylation  
PY 1989

L17 ANSWER 24 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 22  
TI Structural requirements of protein N-glycosylation. Influence of acceptor peptides on cotranslational glycosylation of yeast \*\*\*invertase\*\*\* and site-directed mutagenesis around a sequon sequence  
PY 1989

L17 ANSWER 25 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 23  
TI Requirements for efficient in vitro transcription and translation: a study using yeast \*\*\*invertase\*\*\* as a probe  
PY 1989

L17 ANSWER 26 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 24  
TI Post-translational translocation of polypeptides across the mammalian endoplasmic reticulum membrane is size and ribosome dependent  
PY 1988

L17 ANSWER 27 OF 27 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
TI SECRETION AND GLYCOSYLATION OF YEAST \*\*\*INVERTASE\*\*\*  
PY 1987

=> d 117 ab 1-11 17-21

=> d 117 3 6 7 9 17

L17 ANSWER 3 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3 ✓ ordered  
AN 139:318179 CA 12/13  
TI Novel mode of hormone induction of tandem tomato \*\*\*invertase\*\*\* genes  
AU Proels, R. K.; Hause, B.; Berger, S.; \*\*\*Roitsch, T.\*\*\*  
CS Lehrstuhl fuer Pharmazeutische Biologie, Universitaet Wuerzburg,  
Wuerzburg, 97082, Germany  
SO Plant Molecular Biology (2003), 52(1), 191-201  
CODEN: PMBIDB; ISSN: 0167-4412  
PB Kluwer Academic Publishers  
DT Journal  
LA English

L17 ANSWER 6 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 6 and above  
AN 135:149982 CA  
TI Induction of male sterility in plants by metabolic engineering of the carbohydrate supply  
AU Goetz, Marc; Godt, Dietmute E.; Guivarc'h, Anne; Kahmann, Uwe; Chriqui, Dominique; \*\*\*Roitsch, Thomas\*\*\*  
CS Institut fur Zellbiologie und Pflanzenphysiologie, Universitat Regensburg,  
Regensburg, 93053, Germany  
SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(11), 6522-6527  
CODEN: PNASA6; ISSN: 0027-8424  
PB National Academy of Sciences  
DT Journal  
LA English

L17 ANSWER 7 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 7  
AN 134:97756 CA  
TI Regulation and function of extracellular \*\*\*invertase\*\*\* from higher plants in relation to assimilate partitioning, stress responses and sugar signalling  
AU \*\*\*Roitsch, Thomas\*\*\* ; Ehness, Rainer; Goetz, Marc; Hause, Bettina; Hofmann, Markus; Sinha, Alok Krishna  
CS Institut fur Zellbiologie und Pflanzenphysiologie, Universitat Regensburg, Regensburg, D-93040, Germany  
SO Australian Journal of Plant Physiology (2000), 27(8/9), 815-825  
CODEN: AJPPCH; ISSN: 0310-7841  
PB CSIRO Publishing  
DT Journal; General Review  
LA English  
RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

✓ ordered  
12/13  
DFF

L17 ANSWER 9 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 9  
AN 134:2734 CA  
TI Tissue-specific induction of the mRNA for an extracellular \*\*\*invertase\*\*\* isoenzyme of tomato by brassinosteroids suggests a role for steroid hormones in assimilate partitioning  
AU Goetz, Marc; Godt, Dietmute E.; \*\*\*Roitsch, Thomas\*\*\*  
CS Institut fur Zellbiologie und Pflanzenphysiologie, Universitat Regensburg, Regensburg, 93053, Germany  
SO Plant Journal (2000), 22(6), 515-522  
CODEN: PLJUED; ISSN: 0960-7412  
PB Blackwell Science Ltd.  
DT Journal  
LA English  
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

June  
✓ printed

L17 ANSWER 17 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 16  
AN 127:315317 CA  
TI Regulation and tissue-specific distribution of mRNAs for three extracellular \*\*\*invertase\*\*\* isoenzymes of tomato suggests an important function in establishing and maintaining sink metabolism  
AU Godt, Dietmute E.; \*\*\*Roitsch, Thomas\*\*\*  
CS Lehrstuhl fur Zellbiologie und Pflanzenphysiologie, Universitat Regensburg, Regensburg, D-93053, Germany  
SO Plant Physiology (1997), 115(1), 273-282  
CODEN: PLPHAY; ISSN: 0032-0889  
PB American Society of Plant Physiologists  
DT Journal  
LA English  
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

✓ printed

=> file ca

=> s (invertase?(1)(pollen? or tapetal or tapetum))/ab,bi

L18 82 (INVERTASE?(L)(POLLEN? OR TAPETAL OR TAPETUM))/AB,BI

=> s (invertase?(10a)(pollen? or tapetal or tapetum))/ab,bi

L19 50 (INVERTASE?(10A)(POLLEN? OR TAPETAL OR TAPETUM))/AB,BI

=> s promoter?/ab,bi

L20 171010 PROMOTER?/AB,BI

=> s 119 and 120  
L21. 5 L19 AND L20

=> s 121 not 15  
L22. 4 L21 NOT L5

=> file biosis

=> s 122

L23. 1 L21 NOT L5

=> dup rem  
L24. 5 DUP REM L21 L22 (4 DUPLICATES REMOVED)

=> d 124 1-5 ti py

L24 ANSWER 1 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
TI Method for influencing pollen development by modifying sucrose metabolism  
PY 2001

L24 ANSWER 2 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2  
TI Induction of male sterility in plants by metabolic engineering of the  
carbohydrate supply  
PY 2001

L24 ANSWER 3 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI A tapetum and pollen-specific \*\*\*promoter\*\*\* of tobacco for use in the  
control of pollen formation in plant breeding  
PY 2000

L24 ANSWER 4 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3  
TI Expression of tandem invertase genes associated with sexual and vegetative  
growth cycles in potato  
PY 1999

L24 ANSWER 5 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4  
TI Transgene expression control by \*\*\*invertase\*\*\* gene \*\*\*promoter\*\*\*  
in \*\*\*pollen\*\*\* cells  
PY 1998

=> d 124 1-5 ab bib  
AN 135:191241 CA  
TI Method for influencing pollen development by modifying sucrose metabolism  
IN Boernke, Frederik; Sonnewald, Uwe  
PA IPK Institut Fuer Pflanzengenetik Und Kulturpflanzenforschung, Germany  
SO PCT Int. Appl., 99 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001059135 DE 10045113 EP 1263971 US 2003159181	A1	20010816 A1 20021211 A1	WO 2001-EP1412 DE 2000-10045113 EP 2001-907515 US 2002-223277	20010209 20000 20010209 20020
PRAI	DE 2000-10006413 DE 2000-10045113	A	20000214 20000913		

L24 ANSWER 2 OF 5 CA  
 AN 135:149982 CA  
 TI Induction of male sterility in plants by metabolic engineering of the carbohydrate supply  
 AU Goetz, Marc; Godt, Dietmute E.; Guivarc'h, Anne; Kahmann, Uwe; Chriqui, Dominique; Roitsch, Thomas  
 CS Institut fur Zellbiologie und Pflanzenphysiologie, Universitat Regensburg, Regensburg, 93053, Germany  
 SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(11), 6522-6527  
 CODEN: PNASA6; ISSN: 0027-8424  
 PB National Academy of Sciences *ans abov*  
 DT Journal  
 LA English

L24 ANSWER 3 OF 5 CA COPYRIGHT 2004 ACS on STN

AN 134:52300 CA  
 TI A tapetum and pollen-specific \*\*\*promoter\*\*\* of tobacco for use in the control of pollen formation in plant breeding  
 IN Roitsch, Thomas  
 PA Germany  
 SO PCT Int. Appl., 74 pp. *in stant*  
 CODEN: PIXXD2  
 DT Patent *parent*  
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000077187	A2	20001221	WO 2000-DE1944	20000613
	WO 2000077187	A3	20010809	AA 20001221	CA 2000-2376437 20000
	CA 2376437				
	EP 1183379	A2	20020306	EP 2000-949099	20000613
	PRAI DE 1999-29909998		U 19990612		
	DE 2000-20005992	U	20000404		
	DE 2000-20007494	U	20000426		
	WO 2000-DE1944	W	20000613		

L24 ANSWER 4 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3

AN 132:247043 CA  
 TI Expression of tandem invertase genes associated with sexual and vegetative growth cycles in potato  
 AU Maddison, Anne L.; Hedley, Peter E.; Meyer, Rhonda C.; Aziz, Naveed; Davidson, Diane; Machray, Gordon C.  
 CS Department of Cell and Molecular Genetics, Scottish Crop Research Institute, Dundee, DD2 5DA, UK  
 SO Plant Molecular Biology (1999), 41(6), 741-751 *or 1*  
 CODEN: PMBIDB; ISSN: 0167-4412  
 PB Kluwer Academic Publishers *above*  
 DT Journal  
 LA English

L24 ANSWER 5 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4

AN 129:271518 CA  
 TI Transgene expression control by \*\*\*invertase\*\*\* gene \*\*\*promoter\*\*\* in \*\*\*pollen\*\*\* cells  
 IN Machray, Gordon Cameron; Hedley, Peter; Meyer, Rhonda; Maddison, Anne  
 PA Scottish Crop Research Institute, UK  
 SO PCT Int. Appl., 30 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English

FAN.CNT 1  
PATENT NO. *have* KIND DATE APPLICATION NO. DATE

PI	WO 9841643	A1	19980924	WO 1998-GB833	19980319
	AU 9865110		A1	19981012	AU 1998-65110
PRAI	GB 1997-5694	A	19970319		
	WO 1998-GB833	W	19980319		

=> log y  
STN INTERNATIONAL LOGOFF AT 19:06:04 ON 13 DEC 2004